



Irrigated Cropping Council

Promoting irrigated agriculture

WHEAT VARIETY TRIAL 2020: EARLY SOWN



VARIETY TRIALS

The Irrigated Cropping Council has conducted irrigated wheat variety trials on their Kerang site since 2002.

Variety trials provide a valuable long-term resource to help growers make decisions about what varieties to use in their farm systems based on local independent research.

The variety trials provide results about how various crops and varieties perform in local conditions and under irrigation.

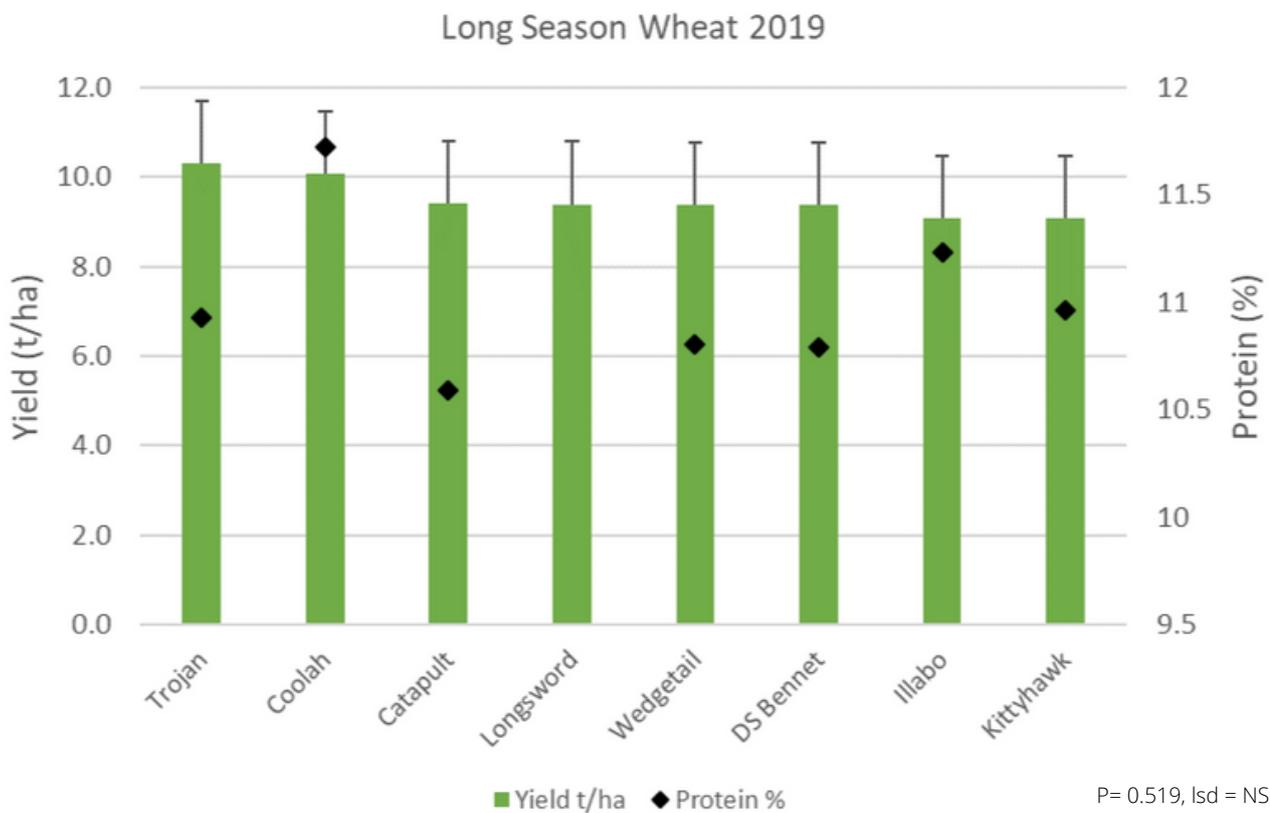
TRIAL OPERATIONS

April 9th	Pre-irrigation 1.5 Ml/ha
April 17th	Glyphosate (1.5 l/ha) + Goal (75ml/ha) + Sakura (118 g/ha). Sown at 72 - 123 kg/ha with 125kg/ha DAP, targeting 160 plants/m ² .
June 4th	Triathlon (1.0 l/ha)
June 18th	Topdressed urea 55 kg N/ha
July 1st	Topdressed urea 55 kg N/ha
August 5th	Topdressed urea 55 kg N/ha. Total N was 320 kg N/ha, including soil N, starter and mineralisation through the season, enough for 8 t/ha.
August 17th	Fungicide Tilt Xtra (250 ml/ha)
September 8	First spring irrigation – 1.0 Ml/ha

PROVIDING VALUABLE INFORMATION FOR GROWERS



This trial was sown so as to have a more typical sowing date for the longer season varieties. An April 17th sowing date may prove to be a little early for some varieties and lines as heads were emerging in early September. Sowing this early does offer the opportunity for grazing, but this trial did not measure dry matter production. Grazing would have delayed head emergence by 7 – 10 days as well. Stripe rust has been noted in LRPB Trojan, but not as severely as in the main season wheat trial, suggesting infection occurred in mid August.



VARIETY NOTES



Anapurna Feed

Anapurna is a dual purpose winter wheat, suitable for grazing and grain production. It is an awned, red grained, feed quality wheat. Slow winter maturity, similar to RGT Accroc. MRMS for septoria tritici blotch resistance, R to stripe rust. Maintains high grain yields in the absence of foliar fungicide. Excellent lodging resistance in high yield potential environments. Marketed by AGT and seed available for the 2021 growing season. EPR \$3.20

BASF Ascot

Ascot is a mid-late maturing variety, slightly quicker than Trojan. It is classified as APW in the southern zone but feed in the south eastern zone. It has good high yield stability in target growing areas, including irrigation. Good straw strength with MR to CCN, RMR for leaf rust, MRMS to yellow leaf spot but MSS to the new stripe rust race. Tested as BSWDH10-215. Ascot will be available in 2021 and is marketed by Seednet. EPR \$3.85

Catapult

Catapult is a new AH variety (in SA/Vic/sNSW) and may be viewed as a 'longer season' Scepter, with a mid-late maturity. Catapult has MRMS yellow leaf spot resistance, MRMS for stripe rust and MSS for septoria. Tested as RAC2484. Marketed by AGT and seed available for the 2020 growing season. EPR \$3.25.

LRPB Kittyhawk

AH quality. Mid to long season dual-purpose winter wheat with similar maturity to EGA Wedgetail. Developed for early sowing, suited to medium to high rainfall areas. Stem rust MRMS, stripe rust RMR, leaf rust MS, yellow leaf spot MRMS, septoria MS and CCN S. Suitable for early winter grazing. Improved test weight over EGA Wedgetail. Released 2016, tested as LPB11-0140. Marketed by Pacific Seeds. EPR \$4.25.

Longsword Feed

Longsword is a widely adapted quick maturing winter wheat suited to low to medium rainfall areas. Suits April sowing and offers grazing potential. Stem rust MR, stripe rust RMR, leaf rust MSS, yellow leaf spot MRMS, septoria MSS, CCN MRMS with acid soil tolerance. Released 2017, tested as RAC2341. Bred and marketed by AGT. EPR \$2.75

Rockstar

High yielding mid-late maturity with AH classification in southern zone, potential AH in Western and South-Eastern zones. Similar time to flowering as LRPB Trojan with Mace parentage. Very good powdery mildew (R) resistance, stem rust (MR), yellow leaf spot (MRMS) and stripe rust (MRMS) resistance (all provisional ratings). Good grain size with moderate plant height, reducing stubble loads in high yielding environments. Marketed by InterGrain. EPR \$3.50

Sheriff CL Plus

Sheriff CL is a mid – slow spring maturity APW Clearfield® Plus wheat MRMS for yellow leaf spot resistance, MSS for stripe rust, SVS to leaf rust and S for septoria. Moderate plant height and good grain size. Registered for label rates of Intervix® herbicide. Marketed by InterGrain. EPR \$3.25

LRPB Trojan

APW quality in Victoria. Mid-long season variety. Semi-dwarf suited to medium to high rainfall areas. Stem rust MRMS, stripe rust MSS (a downgrade of the rating due to a new race), leaf rust MR, CCN MS and yellow leaf spot MSS. Moderate resistance to lodging and moderate tolerance to boron and aluminium. Marketed by Pacific Seeds. EPR \$4.00

EGA Wedgetail

A dual purpose (grain & grazing) winter wheat with acid soil tolerance & reasonable rust resistance for the high rainfall areas of Victoria. APW in Victoria but PH in NSW. Suited to high rainfall, acid soil areas. Marketed by Seednet. EPR \$1.45

TRIAL PARTNERS

